

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-20. (cancelled)

21. (new) A method of loading schedule planning related data of an airline flight service on a flight schedule database of a computer based reservation system, comprising:

receiving at least one batch of flight schedule changes at a Schedule Loader server (SLS);

extracting the changes contained in the batch and storing said changes as a set of Future Schedule Records (FSR) which are stored as temporary data available for passenger re-accommodation purpose;

publishing the future schedule records (FSR) and a reservation distribution server;

simulating passenger re-accommodation options to determine the best re-accommodation option for each passenger among said future schedule records (FSR) and the data of the flight schedule database;

applying the changes in the flight schedule database by:

detecting dependent re-accommodation options by checking whether some of the best re-accommodation options are comprised in said future schedule records (FSR); and updating the flight schedule database starting with the future schedule records (FSR) comprising dependent re-accommodation options; and updating the reservation inventory database according to the re-accommodations determined during the simulation step.

22. (new) The method according to claim 1, further comprising:

a Graphical User Interface to access and set up automation criteria for processing each batch of flight schedule changes, for verification of the changes extracted from the batch of changes and for the validation of the reservation re-accommodations.

23. (new) The method according to claim 1, wherein the determination of the best re-accommodation option for each passenger impacted by flight schedule changes contained in a batch is made among the same batch, a future schedule record (FSR) of another batch and the data of the flight schedule database.

24. (new) The method according to claim 1, wherein a characteristic suffix (SL) is assigned to the changes to be stored as future schedule records (FSR).

25. (new) The method according to claim 4, wherein the fact that there is assigned to each record (FSR) an argument (FSR is published) indicating whether this record (FSR) has been made accessible to the reservation distribution server.

26. (new) The method according to claim 5, wherein for each extracted change: the flight periods of the flight schedule database affected by the change, are opened; if said period has not already been affected by one change whose argument is positive, said period is duplicated and the suffix (SL) is assigned to the duplicated period; a scheduling change message is sent to integrate the change in the duplicated period that it affects; it is indicated that the change is a record accessible to the reservation distribution server, by placing its argument (FSR is published) in the positive state.

27. (new) The method according to claim 1, wherein upon simulation of re-accommodation, there is attributed to each record a degree of dependence as a function of the number of other records in cascade for which an application of said record gives rise to a re-accommodation of the reservations on said other records.

28. (new) The method according to claim 7, wherein the case of cyclical dependence between several records, upon the execution of the re-accommodation operations in the reservation system, each reservation in question is modified only once by the assembly of these reassignments.

29. (new) The method according to claim 1, wherein the records (FSR) are deleted after final updating of the flight schedule and the reservation inventory databases.